

(b) culturing the cell in a production phase at a temperature lower than the temperature of the growth phase.

25. The method of Claim 24 where the temperature of the growth phase is 37°C.

26. The method of Claim 24 where the temperature of the production phase is between 30 and 35°C.

27. A method for increasing the sialic acid content of a glycoprotein produced in mammalian cell culture, comprising:
 (a) culturing a mammalian host cell in a growth phase at a temperature for cell growth; and
 (b) culturing the mammalian host cell in a production phase under conditions selected to decrease cell specific productivity at a temperature lower than the temperature of the growth phase. --

REMARKS

Entry of this amendment is respectfully requested. No new matter is added by the amendment, since the application supports claims to the culturing of a mammalian host cell which express (produce) a heterologous glycoprotein (see the specification at page 9, lines 20-24) in a growth phase at a temperature for cell growth (application: page 6, lines 25-30; page 13, line 23 - page 14, line 7; page 36, lines 21-22) and then culturing the host cell in a production phase at a production temperature lower than the growth temperature (application: page 5, lines 33-35; page 36, lines 30-31).

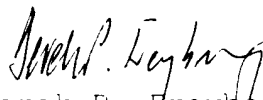
Claims 24-27 are in this application, Claims 1-23 having been canceled, and Claims 24-29 having been added in this Preliminary Amendment.

Note

The attention of the Office is drawn to Claim 1 of US Patent No. 5,976,833, "Method for Animal Cell Culture", Furukawa et al. Patent No. 5,976,833 issued on November 2, 1999, so these claims are presented prior to one year from the date the patent was granted. Applicants note that Patent No. 5,976,833 has a US filing date of September 19, 1996, and a foreign priority date of September 19, 1995; whereas the present application has an effective filing date of June 6, 1995, the actual filing date of Application No. 08/470,849. Applicants further note that two parallel applications, Applications Nos. 08/469,538 and 08/466,845, both filed June 6, 1995 by the applicants of the present invention, and containing disclosure identical to the present application, have issued as US Patents Nos. 5,705,364 (on January 6, 1998) and 5,976,833 (on February 24, 1998) respectively.

Applicants will comply with any additional requirements of 37 CFR 1.607 in due course; and, should the Office reach the file prior to Applicants having completed any outstanding requirement, it is respectfully requested that Applicants' attorneys be contacted prior to issuance of any Office Action.

Respectfully submitted,



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